

CLASSIFICATION: ENVIRONMENTALIST II

Class Code: 4095-19

Date Established: 07-10-74

Occupational Code: 7-6-2

Date of Last Revision: 10-20-15

Exempt Status: Non-Exempt

BASIC PURPOSE: To initiate environmental studies, permit review, or enforcement work in one or more of the following areas: air quality, biology, ecology, natural heritage, food safety, forestry, noise abatement, water quality, wetlands, wildlife environmental contamination.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES:

- Plans and coordinates statewide environmental programs by conducting inspections, surveys, and special projects.
- Prepares recommendations to control and eliminate harmful environmental related actions; reviews recommendations prepared by subordinate staff.
- Collects samples and conducts investigations to determine the impact of solid and hazardous waste landfills and petroleum storage facilities on surface and groundwater.
- Prepares recommendations and findings relative to approval or disapproval of permits for work in wetlands.
- Conducts field studies of air quality and pollution; monitors and analyzes raw data to project future air quality levels.
- Recommends restoration or mitigation procedures to minimize effect of illegal alterations of wetlands.
- Conducts or reviews water quality studies; evaluates present and future biological, chemical and other environmental conditions.
- Evaluates potential damage to food supplies, land habitat and water supply of wildlife from proposed projects.
- Analyzes effects of deforestation and the resultant loss of woodlands and cover for animals or fish as well as the general loss to society.
- Analyzes the social, community, and historic environment of the area and the short and long term benefits or damages resulting from the proposed projects.
- Analyzes the effects of land use activities on rare plants and exemplary natural communities.

DISTINGUISHING FACTORS:

Skill: Requires skill in recommending routine changes in standardized operating procedures OR in retrieving, compiling, and reporting data according to established procedures OR in operating complex machines.

Knowledge: Requires logical or scientific understanding to analyze problems of a specialized or professional nature in a particular field.

Impact: Requires responsibility for contributing to immediate, ongoing agency objectives by facilitating the direct provision of services to the public or other state agencies. Errors at this level result in inaccurate reports or invalid test results and require a significant investment of time and resources to detect.

Supervision: Requires partial supervision of other employees doing work which is related or similar to the supervisor, including assigning job duties, providing training, giving instructions and checking work.

Working Conditions: Requires performing regular job functions in an environment which includes exposure to continuous physical elements or a number of disagreeable working conditions with frequent exposure to minor injuries or health hazards.

Physical Demands: Requires light work, including continuous walking or operating simple equipment for extended periods of time as well as occasional strenuous activities such as reaching or bending.

Communication: Requires summarizing data, preparing reports, and making recommendations based on findings which contribute to solving problems and achieving work objectives. This level also requires presenting information for use by administrative-level managers in making decisions.

Complexity: Requires a combination of job functions to establish facts, to draw daily operational conclusions, or to solve practical problems. This level also requires providing a variety of alternative solutions where only limited standardization exists.

Independent Action: Requires objective assessment in analyzing and developing new work methods and procedures subject to periodic review and in making decisions according to established technical, professional or administrative standards.

MINIMUM QUALIFICATIONS:

Education: Bachelor's degree from a recognized college or university with major study in a related environmental science. Each additional year of approved formal education may be substituted for one year of required work experience.

Experience: Two years' experience as an Environmentalist or in a field related to the occupational area in which the vacancy exists, such as air analysis, noise or water quality control, engineering, environmental law, wildlife, forestry, soils, hydrology, geology, botany or biology.

License/Certification: Eligibility for N.H. driver's license or operational license for pesticides applicator if necessary for performing professional fieldwork.

RECOMMENDED WORK TRAITS: Considerable knowledge of the principles and practices of environmental science. Considerable knowledge of the application of the chemical, biological and physical sciences as related to environmental protection. Knowledge of local, state, and federal laws and regulations in the environmental field. Working knowledge of current techniques of sampling and analysis. Ability to plan and develop programs and surveys. Ability to develop and conduct training programs for technical staff. Ability to plan and supervise the work of technical and clerical personnel. Ability to interpret and evaluate maps, data and engineering plans. Ability to express ideas clearly and concisely in oral, written and graphic form. Ability to establish and maintain effective working relationships with associates, environmental groups and the general public. Must be willing to maintain appearance appropriate to assigned duties and responsibilities as determined by the agency appointing authority.

DISCLAIMER STATEMENT: This class specification is descriptive of general duties and is not intended to list every specific function of this class title.

SPECIAL REQUIREMENTS FOR ENVIRONMENTALIST I - IV

1. All job specific education, experience, and licensing requirements must be stated on the supplemental job description and approved by the Division of Personnel prior to recruitment. For recruitment purposes, a related environmental science DEGREE shall be limited to one or more of the following:

| | | |
|--|-----------------------------------|--------------------------------|
| agricultural science | environ sampling & analysis | plant physiology |
| archeology | environmental science | plant science |
| architectural history | environmental studies | public health |
| architecture & environmental design | environmental toxicology | radiological health |
| atmospheric science | estuarine biology | radiological science |
| biochemistry | forest resources | resource conservation |
| biogeography | forestry | resource economics |
| biology | geochemistry | resource management |
| biotechnology | geography | riverine biology |
| botany | geology | sanitary engineering |
| chemical engineering | geophysical science | science education |
| chemistry | health physics | soil science |
| civil engineering | hydraulic engineering | toxicology |
| coastal biology | hydrogeology | waste management |
| community development/planning | hydrology | wastewater management |
| computer science | Industrial hygiene | water resources engineering |
| earth science | laboratory science | water resources management |
| ecology | limnology (inland freshwaters) | wetlands biology |
| environmental affairs | marine biology | wetlands ecology |
| environmental conservation | mathematics | wetlands science |
| environmental engineering | mechanical engineering | wildlife management |
| environmental health | meteorology | zoology |
| environmental issues | microbiology | |
| environmental laws | natural resources | |
| environmental planning | oceanography | |
| | physics | |

2. When required by the supplemental job description, the incumbent must satisfactorily complete a baseline medical examination and the personal protection training required by the National Institute of Occupational Safety and Health or other federal and state agencies.